

**Fine filter**  
**MS9-LFM-3/4-BUV-HF**  
Part number: 552970

**FESTO**



## Data sheet

| Feature                                     | Value                                                   |
|---------------------------------------------|---------------------------------------------------------|
| Series                                      | MS                                                      |
| Size                                        | 9                                                       |
| Design                                      | Fibre filter                                            |
| Grade of filtration                         | 1 µm                                                    |
| Condensate drain                            | Fully automatic<br>Manual, non-detenting                |
| Operating pressure                          | 0.2 MPa...1.2 MPa<br>2 bar...12 bar<br>29 psi...174 psi |
| Operating medium                            | Compressed air to ISO 8573-1:2010 [6:::4]               |
| Air purity class at output                  | Compressed air to ISO 8573-1:2010:[5:::3]               |
| Max. standard flow rate for clean air class | 10000 l/min                                             |
| Min. standard flow rate for clean air class | 500 l/min                                               |
| Filter efficiency                           | 99.99 %                                                 |
| Max. condensate volume                      | 225 ml                                                  |
| Corrosion resistance class CRC              | 2 - Moderate corrosion stress                           |
| LABS (PWIS) conformity                      | VDMA24364-B1/B2-L                                       |
| Media temperature                           | -10 °C...60 °C                                          |
| Ambient temperature                         | -10 °C...60 °C                                          |
| Storage temperature                         | -10 °C...60 °C                                          |
| Filter efficiency, fine particles           | 99 %                                                    |
| Residual oil content                        | 0.5 mg/m <sup>3</sup>                                   |
| Filter efficiency, oil aerosol              | 90 %                                                    |
| Explosion ambient temperature               | -10 °C ≤ Ta ≤ +60 °C                                    |
| Type of mounting                            | In-line installation<br>With accessories<br>Either:     |
| Mounting position                           | Vertical +/-5°                                          |
| Pneumatic connection, port 1                | G3/4                                                    |
| Pneumatic connection, port 2                | G3/4                                                    |
| Material housing                            | Die-cast aluminium                                      |
| Material covering                           | PA                                                      |

| Feature         | Value                   |
|-----------------|-------------------------|
| Material filter | Borosilicate fibre      |
| Material bowl   | Wrought aluminium alloy |
| Material screen | PA                      |
| Material seals  | NBR                     |
| Product weight  | 2500 g                  |